

MAR 08 2019

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## SENATE RESOLUTION

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URGING THE UNIVERSITY OF HAWAII, IN CONSULTATION WITH ITS FACILITIES OFFICES, THE DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES, AND INDUSTRY REPRESENTATIVES, TO DEVELOP AN INTEGRATED PLAN TO PROVIDE CERTIFICATES, DEGREES, AND ASSOCIATED PATHWAYS IN THE AREAS OF FACILITIES MAINTENANCE AND CONSTRUCTION MANAGEMENT.

1 WHEREAS, the Executive Branch of the State currently has a  
2 deferred maintenance backlog valued at approximately  
3 \$4,000,000,000, with the University of Hawaii and the Department  
4 of Education alone having more than \$1,700,000,000 worth of  
5 deferred maintenance; and  
6

7 WHEREAS, the State is also facing a shortage of qualified  
8 candidates for numerous vacant building facility manager and  
9 maintenance worker positions, which both pay a living wage of  
10 more than \$50,000 per year; and  
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12 WHEREAS, Hawaii currently lacks a formal training pipeline  
13 for building facilities maintenance and construction management  
14 positions; and  
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16 WHEREAS, proper training that specifically teaches the  
17 skill sets needed for facilities maintenance and construction  
18 management can help to reduce the deferred maintenance backlog  
19 statewide; and  
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21 WHEREAS, increasing the number of qualified individuals in  
22 the area of facilities maintenance and construction management  
23 can help to address the high vacancy rates across public and  
24 private industries and ensure employee retention in these  
25 critical jobs; and  
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27 WHEREAS, the University of Hawaii's West Oahu Campus offers  
28 a bachelor of arts degree in business administration with a  
29 concentration in facilities management; and  
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31 WHEREAS, the University of Hawaii at Manoa and Leeward  
32 Community College are adding programs that more fully integrate



1 the various technical components of managing a facility with a  
2 holistic understanding and management of the life cycle of an  
3 asset within a physical plant; now, therefore,  
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5 BE IT RESOLVED by the Senate of the Thirtieth Legislature  
6 of the State of Hawaii, Regular Session of 2019, that the  
7 University of Hawaii, in consultation with its facilities  
8 offices, the Department of Accounting and General Services, and  
9 industry representatives, is urged to develop an integrated plan  
10 to provide certificates, degrees, and associated pathways in the  
11 areas of facilities maintenance and construction management; and  
12

13 BE IT FURTHER RESOLVED that the University of Hawaii is  
14 urged to coordinate the programs with appropriate  
15 representatives from the public and private sector, including  
16 the University of Hawaii facilities offices and the Department  
17 of Accounting and General Services, to ensure the academic  
18 coursework for the disciplines is aligned with articulation  
19 between the two- and four-year programs, as well as progressive  
20 professional development; and  
21

22 BE IT FURTHER RESOLVED that the curriculum of the  
23 facilities maintenance programs is urged to focus on instilling  
24 students with technical knowledge, professional judgement, and  
25 industry best practices to understand and maintain the life  
26 cycle of a variety of structures and subsystems commonly found  
27 in the built environment; and  
28

29 BE IT FURTHER RESOLVED that the curriculum of the  
30 construction management programs should prepare students to  
31 apply technical knowledge, professional judgement, and industry  
32 best practices to understand construction and material means,  
33 methods, and application, as well as time and financial  
34 management of a project; and  
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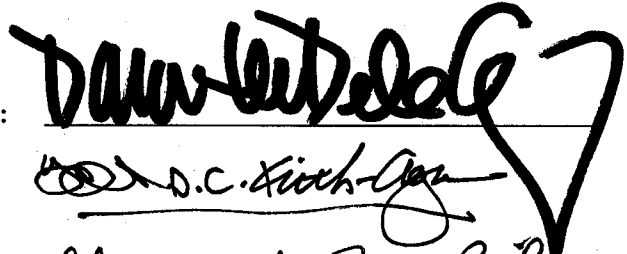


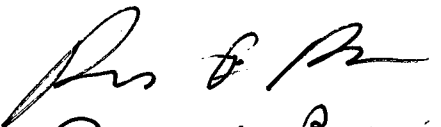
36 BE IT FURTHER RESOLVED that the programs should incorporate  
37 internships with a variety of public and private entities within  
38 the industry ranging from the delivery of technical services to  
39 managing the life-cycle of the physical plant, including  
40 government-owned entities like the University of Hawaii  
41 facilities offices and the Department of Accounting and General  
42 Services; and



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1 BE IT FURTHER RESOLVED that certified copies of this  
2 Resolution be transmitted to the Chairperson of the University  
3 of Hawaii Board of Regents, President of the University of  
4 Hawaii, and Comptroller.  
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OFFERED BY:

  
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